

The Unbeatables



Match the following.

The Biggest

- 1. ✓ City (in area)
- 2. ✓ Country (in area)
- 3. Dam
- 4. Dome
- 5. ✓ Ocean
- 6. Administrative Building
- 7. ✓ Planet

- a. Palace of the Parliament, Romania 6
- b. The Dome of Pantheon, Rome 4
- c. New York Metro, USA 1
- d. Jupiter 7
- e. The Three Gorges Dam, China 3
- f. Pacific Ocean 5
- g. Russia 2



The Highest

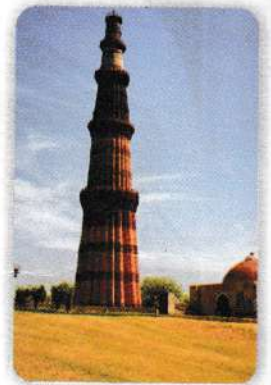
- 1. Airport
- 2. Mountain range
- 3. Mountain peak
- 4. Road

- a. Mount Everest (Nepal) 3
- b. Daocheng Yading Air Port, China 1
- c. Khardung La, Ladakh 4
- d. Himalayas (Asia) 2

The Largest

- 1. Archipelago
- 2. Forest
- 3. Island
- 4. Lake (Salt water)
- 5. Railway platform
- 6. Gulf

- a. Gorakhpur Railway Station, U.P. 5
- b. Indonesia (17,000 islands) 1
- c. Gulf of Mexico 6
- d. Taiga Forest 2
- e. Caspian Sea 4
- f. Greenland 3



The Tallest

- 1. Minaret
- 2. Statue
- 3. Fountain
- 4. Minaret (Free standing)

- a. King Fahd's Fountain, Jeddah 3
- b. The Great Hassan II Mosque, Morocco 1
- c. Qutub Minar, Delhi 4
- d. Spring Temple Buddha, China 2

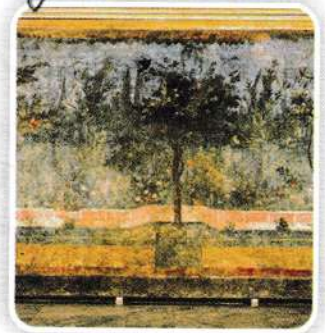




World Study

Answer the following. Take help from the given clues.

1. Which country is known as the Land of White Elephants?
Thailand
2. Which country designed the first mechanical clock?
China
3. Who assassinated the U.S. President Abraham Lincoln?
John Wilkes Booth
4. Who commanded the American force during the American War of Independence?
George Washington
5. Which country is known as the Land of the Golden Fleece?
Australia
6. Which civilisations inspired the Renaissance?
Ancient Greece and Rome
7. The Industrial Revolution in the last quarter of the eighteenth century in England first affected the Cotton textile Industry
8. Which style of painting was used by the early Renaissance artists?
Graeco-Roman
9. Who was the head of the provincial government of Russia in 1917?
Leon Trotsky
10. During the period of the Renaissance, new styles of architecture first developed in Italy.



CLUES

George Washington, Graeco-Roman
Ancient Greece and Rome, Thailand
Italy, John Wilkes Booth, Leon Trotsky
China, Cotton textile industry, Australia



Know more

The Industrial Revolution began in Great Britain in the latter part of the 18th century.

Types of Governments



Every country is run by a government. Governments can be classified into many types.

Write the type of government in each case. Take help from the given clues.

1. It is a type of government in which the supreme power is vested in the people and exercised directly by them or their elected representatives.

Democracy



2. It is a type of government in which supreme authority is vested in a single person such as a king or queen.

Monarchy



3. A type of government in which aristocrats, elites or privileged upper classes rule over the people.

Aristocracy

4. A type of government in which one person or a group of persons rule over the people.

Dictatorship

5. It is the government or rule of a tyrant or absolute ruler.

Tyranny



6. A type of government in which the clergy exercise political power and in which religious law is dominant over civil law.

Theocracy

7. A type of government in which power is held by a small group.

Oligarchy



Know more

Communism is a system of social organisation in which all economic and social activity is controlled by a totalitarian state dominated by a single and self-perpetuating political party. Russia and China currently have communist governments.

CLUES

Tyranny, Oligarchy, Democracy, Theocracy
Aristocracy, Monarchy, Dictatorship



Famous Sports Stars

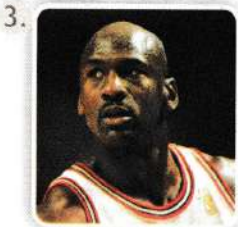
Match the pictures of famous sports stars with their names.



a. Dara Torres (Swimming) 7



b. Aparna Popat (Badminton) 9



c. Mike Tyson (Boxing) 10



d. Sebastian Vettel (Formula 1 driver) 8



e. Michael Jordan (Basketball) 3



f. Zinedine Zidane (Soccer) 4



g. Mahesh Bhupathi (Lawn tennis) 5



h. Wayne Gretzky (Ice hockey) 1



i. Krishnan Sasikiran (Chess) 2



j. Arjun Atwal (Golf) 6

Martial Arts



Martial arts are ancient fighting methods designed basically for self defence and discipline. Read the description and write the names of the martial arts. Take help from the given clues.

CLUES

Karate, Muay Boran, Kendo, Jojutsu, Taekwondo, Aikido

1. It is a popular Korean martial art. It focusses primarily on kicks, blocks, punches and strikes.



Taekwondo



2. It is a Japanese martial art that focusses on sword fighting.

Kendo



3. It is a Japanese martial art that focusses on redirecting the attack away from you. It involves grabs, strikes, throws, pins and joint locks.



Aikido

4. It is a Thai martial art that focusses on techniques such as kicks, punches, elbow strikes, knee strikes, grappling and headbutts.

Muay Boran

5. It is a popular Japanese martial art that focusses on punches, elbow strikes, knee strikes, kicks and weapons training.



Karate



6. It is a Japanese martial art. In this martial art, a short staff of about 0.9 to 1.5 m long is used to defend against the sword.

Jojutsu



Sports Time

Playing the Game

A national sport is a sport that is considered to be an intrinsic part of the culture of a country.

A. Match these sports and games with the countries of which they are the national sports.

1. Table tennis
2. Judo
3. Cricket
4. Baseball
5. Archery
6. Ice hockey
7. Bull fighting
8. Kabaddi
9. Rugby union
10. Wrestling

- a. USA 4
- b. Spain 7
- c. Canada 6
- d. Bangladesh 8
- e. China 1
- f. New Zealand 9
- g. Japan 2
- h. Turkey 10
- i. Guyana 3
- j. Bhutan 5



B. Every sport has some special terms. Match these sports terms with the sports.



1. Heave-Half nelson
2. Deuce-Love
3. Hoops-Mallett
4. Upper cut-Punch
5. Diamond-Bunting
6. Smash-Drop
7. Volley-Service
8. Chucker-Bunder
9. Jockey-Protest
10. Gambit-Stalemate

- a. Badminton 6
- b. Chess 10
- c. Wrestling 1
- d. Polo 8
- e. Croquet 3
- f. Horse racing 9
- g. Baseball 5
- h. Boxing 4
- i. Lawn tennis 7
- j. Volleyball 2

Great Indian Artists



There have been many great artists in India.

Read the description and write the names of these great artists.
Take help from the given clues.

1. This artist continued the legacy of painting he received from his family. He is considered the Father of India's Modern Art.

Rabindra Nath Tagore



2. Born in 1887 in Bengal, this artist was amongst the most dominant painters of the past century. He received passion for painting. His father gave up his government job to pursue his fascination for painting.

Jamini Roy

3. She was a revolutionary painter of her time. Though both her career and life were short, she left a deep mark with her creativity on the art scenario of the 20th century India.

Amrita Shergill



4. He is undoubtedly amongst the most celebrated painters of India. All through his life, he enjoyed national as well as international fame. His works are keeping him alive.

M.F. Hussain

5. This artist worked mostly on the epics—the Ramayana and the Mahabharata. Most of his paintings depict women beautifully clad in sari. He is known to be a rationalist among modern and modern among traditionalists.

Raja Ravi Varma



6. He was the first Indian painter to go abroad to study printmaking as an art. He chose an essentially Western medium to portray various sides of Indian life. He concentrated on drypoint etching, a thoroughly European practice.

Mukul Chandra Dey

CLUES

Jamini Roy, Raja Ravi Varma, Rabindranath Tagore, Mukul Chandra Dey, Amrita Shergill, M.F. Hussain



Riddles

A riddle is a question or statement intentionally phrased so as to require ingenuity in ascertaining its answer or meaning.

Solve these riddles.

1. I look at you, you look at me, I raise my right, you raise your left. Who am I?
A mirror
2. It has no top or bottom, but it can hold flesh, bones and blood all at the same time. What is this object?
A ring
3. I am tall when I am young, and short when I am old. Who am I?
A candle
4. I went into the woods and got it, I sat down to seek it, I brought it home with me because I couldn't find it. What is it?
Splinter
5. He has married many women but has never married. Who is he?
A priest
6. What book was once owned by only the wealthy, but now everyone can have it? We can't buy it in a bookstore or take it from a library.
A telephone book
7. What do we serve that we can't eat?
A tennis ball
8. What do we throw out when we want to use it but take in when we don't want to use it?
An anchor
9. You answer me, although I never ask you questions. Who am I?
A telephone
10. Give it food and it will live; give it water and it will die. What is it?
Fire
11. Take one out and scratch my head, I am now black but once was red. Who am I?
A matchstick
12. They come at night without being called and are lost in the day without being stolen. Who are they?
Stars



Sudoku



Sudoku is a number placement puzzle. In it, we fill the boxes of the grid with numbers from 1 to 9 in such a way that each row and each of the nine sub-grids that compose the grid contain all the digits from 1 to 9.

Complete the following Sudoku puzzles.

1.

7	5	1	9	2	6	4	8	3
6	2	4	8	3	1	7	9	5
8	3	9	4	7	5	2	1	6
9	6	5	1	4	7	3	2	8
1	4	8	2	9	3	6	5	7
2	7	3	5	6	8	9	4	1
5	9	7	3	1	2	8	6	4
3	1	2	6	8	4	5	7	9
4	8	6	7	5	9	1	3	2

2.

9	5	6	8	2	4	1	3	7
1	4	8	3	5	7	9	2	6
7	2	3	1	9	6	8	4	5
3	6	1	5	7	8	4	9	2
2	7	9	4	6	1	3	5	8
4	8	5	9	3	2	6	7	1
8	9	7	6	4	5	2	1	3
6	3	2	7	1	9	5	8	4
5	1	4	2	8	3	7	6	9

3.

5	1	9	3	7	2	6	8	4
2	6	3	4	5	8	9	1	7
4	7	8	9	6	1	2	3	5
6	9	4	1	3	7	8	5	2
1	8	7	2	4	5	3	6	9
3	2	5	8	9	6	7	4	1
7	5	2	6	8	4	1	9	3
8	3	1	5	2	9	4	7	6
9	4	6	7	1	3	5	2	8

4.

8	3	4	2	6	5	1	7	9
1	9	7	8	4	3	5	6	2
2	5	6	7	9	1	8	3	4
3	4	9	1	5	6	2	8	7
5	1	8	4	2	7	6	9	3
6	7	2	9	3	8	4	5	1
7	2	5	3	8	4	9	1	6
9	6	3	5	1	2	7	4	8
4	8	1	6	7	9	3	2	5

Term - I

This and That



TV Channels

Given below are the logos of different T.V. channels. Write 'E' for English and 'H' for Hindi channels.

1.



E

2.



H

3.



E

4.



H

5.



E

6.



E

7.



H

8.



E

9.



H

10.



H

11.



E



Know more

Zee TV is owned and operated by Zee Entertainment Enterprises. It was launched in India on 1 October 1992 as a Hindi satellite channel.

Save Energy



By saving energy, we save money. So all of us should do our best to reduce the amount of energy we consume in our day-to-day lives.

Tick (✓) the correct option in each case.

- There are no nuclear fusion power stations because nuclear fusion
a. is hard to control b. fuel is very expensive c. is dangerous
- Geysers are examples of _____ energy.
a. tidal b. geothermal c. hydroelectric
- This source of energy is not renewable.
a. Solar b. Geothermal c. Petroleum
- The most commonly used renewable source of energy is
a. hydro energy b. solar energy c. wind energy
- Renewable energy sources
a. protect the ozone layer
b. are very harmful
c. are replenished by nature
- This source of renewable energy is not weather dependent.
a. Geothermal b. Wind c. Solar
- Most renewable energy sources can be traced back to
a. nuclear fusion b. nuclear fission c. solar energy
- This source of energy is renewable.
a. Wind b. Natural gas c. Coal
- The sun gets its energy from
a. nuclear fission b. nuclear fusion c. none of them
- Burning oil produces _____ gas, which is said to be causing global warming.
a. Oxygen b. Ozone c. Carbon dioxide





Global Warming



What is global warming? How will it affect us adversely? Read below—

- Global warming is an increase in the Earth's atmospheric temperature widely due to an increase in the greenhouse effect resulting especially from air pollution.
- Global warming causes melting of ice from the poles because of the increase in Earth's temperature.
- Another major cause of global warming is deforestation.
- If due to global warming all the ice from poles melts into water, the water level of the seas will increase substantially and submerge the land near sea shore. Sea level is expected to rise between 18 to 59 centimetres by the end of the century.
- Less fresh water will be available.
- Species that depend on one another may become out of sync. For example, plants could bloom earlier than their pollinating insects become active.
- Natural calamities and disasters would occur frequently with more destructive power. Hurricanes and other storms are likely to become stronger.
- Severe heat waves would lead to the death of millions of people around the world.
- Increase in ocean temperature could cause serious ecological damage.

Tick (✓) the correct option in each case.

1. Some gases form a blanket around the Earth. They let the sun's energy pass into the atmosphere but do not let it escape back into space. What are these gases called?
 - a. Inert gases
 - b. Greenhouse gases
2. IPCC stands for
 - a. International Project on Climate Change
 - b. Intergovernmental Panel on Climate Change
3. The amount of carbon dioxide being released into the air is called
 - a. Global carbon emission
 - b. World carbon outlet
4. The title of Al Gore's Oscar-winning documentary and book is
 - a. An Inconvenient Truth
 - b. Our Earth

Eco Warriors



Many people, organisations, movements, etc. are striving to protect the environment.

Read the description below and write the names of the eco warriors. Take help from the given clues.

CLUES



Project Tiger, World Wide Fund for Nature, Chipko Movement, PETA
Narmada Bachao Andolan, Silent Valley Project

1. This popular organisation works for the conservation of animals and the environment worldwide. It was previously known as the World Wildlife Fund. World Wide Fund for Nature



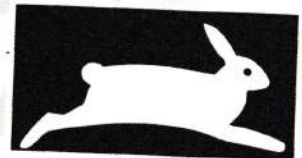
2. This was a social movement aimed at protecting the Silent Valley, an evergreen tropical forest in the Palakkad district of Kerala, India. It was started in 1973 to save the forests from being flooded due to a hydroelectric project. Silent valley project

3. Under the leadership of Medha Patkar, this movement protested against the construction of the Sardar Sarovar Dam on the Narmada river in Gujarat, India. The movement is aimed at providing proper rehabilitation to people who would lose their homes because of the project. Narmada Bachao Andolan



4. This project was launched in 1973 to protect the tiger population in India. Under this project, many tiger reserves were established across the country. Project Tiger

5. This is an animal rights organisation. It works to prevent cruelty towards animals, promotes vegetarianism and campaigns against using animal products in clothing. PETA



6. This movement began in the hills of Uttarakhand in India to oppose the cutting down of trees. The villagers hugged the trees to protect them from being cut. Sunderlal Bahuguna is an important leader of this movement. Chipko Movement

CURRENT AFFAIRS

National Events



January 4, 2017 - Justice Jagdish Singh Khehar, was sworn in as the 44th Chief Justice of India.



January 7, 2017 - The 104th 'Indian Science Congress' was held in Tirupati, A.P. Theme of this edition was - Science and Technology for the national development.



January 9, 2017 - The three day 14th 'Pravasi Bharatiya Divas' a megameet of the Indian diaspora, ended in Bengaluru. It was out come oriented.



March 9, 2017 - Eminent Konkani writer Mahabaleshwar Sail was honoured with the Saraswati Samman 2016 for his novel Hawthan.



March 14, 2017 - Former Union Defence Minister Manohar Parrikar took oath as the Chief Minister of Goa for the second time in five years.



March 15, 2017 - N. Biren Singh took oath as the Chief Minister of Manipur at the Raj Bhawan in Imphal.



March 18, 2017 - Trivendra Singh Rawat sworn in as the Chief Minister of Uttarakhand. He is the fifth BJP Chief Minister of the state.



March 19, 2017 - Yogi Adityanath, as former Member of Parliament from the Gorakhpur constituency, was sworn in as the Chief Minister of Uttar Pradesh.



April 2, 2017 - The Prime Minister Shri Narendra Modi dedicated India's longest highway tunnel - 'The Chenani - Nashri tunnel' in Jammu and Kashmir to the nation.



April 24, 2017 - Veteran Film director K. Viswanath won the Dadasaheb Phalke Award for 2016, India's highest award in cinema.



April 27, 2017 - The government launched Regional Connectivity Scheme 'UDAN' to facilitate air connectivity to the middle class flyers living in Tier-2 and Tier-3 cities.



May 5, 2017 - India successfully launched the South Asia Communication Satellite, that would provide communication and disaster support.



May 8, 2017 - Nitin Gadkari, the Union Minister inaugurated India's first biorefinery plant that produces ethanol from biomass in Pune.



May 10, 2017 - Vikram Vishal, an assistant professor in the Earth Science Department, won the Indian National Science Academy medal for the young scientists-2017.

CURRENT AFFAIRS

National Events



June 8, 2017 - Sahithi Pingali, a class 12th student from Bengaluru, will get a minor planet named after her success at ISEF science competition.



June 17, 2017 - PM Modi flags off Kerala's first metro in Kochi. All the metro stations are solar powered.



July 1, 2017 - India's biggest tax reform GST was launched in Parliament's Central Hall by the PM and the President.



July 5, 2017 - Ex-Gujarat chief secretary Achal Kumar Joti will succeed Nasim Zaidi as a Chief Election Commissioner (CEC).



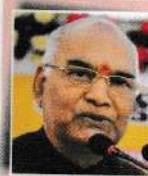
July 9, 2017 - The 600 year old Walled City of Ahmedabad has been declared as India's first World Heritage City by UNESCO.



July 15, 2017 - India's first solar powered train launched in New Delhi with a battery bank facility that ensures sufficient power even in the absence of sunlight.



July 19, 2017 - TR Zeliang, former CM of Nagaland has been appointed Chief Minister again by the State's governor PB Acharya.



July 25, 2017 - Ram Nath Kovind sworn in as the 14th president of India replacing Pranab Mukherjee.



July 27, 2017 - PM Modi inaugurates Dr. APJ Abdul Kalam memorial in Rameshwaram.



September 3, 2017 - Nirmala Sitharaman became the first full time woman Defence Minister of India, after she was promoted to the union cabinet.



September 14, 2017 - Foundation stone of the Mumbai-Ahmedabad high speed rail (for bullet train) corridor was laid jointly by Indian PM Modi and Japanese counterpart S. Abe.



September 17, 2017 - The Sardar Sarovar Dam, one of the largest dam of the world was inaugurated by PM Modi.



November 18, 2017 - Manushi Chhillar of India is the sixth Indian woman to win the Miss World Beauty Pageant for the year 2017



November 24, 2017 - Ms. Shubhangi Swaroop became the first ever female pilot to be inducted into the India Navy.

CURRENT AFFAIRS

International Events



January 20, 2017 - Donald J. Trump took oath as the 45th President of the United States of America before lakhs of his supporters in Washington.



January 23, 2017 - Pravind Jugnauth son of Sir Anerood Jugnauth sworn in as Prime Minister of Mauritius.



January 25, 2017 - Nikki Haley, the first Indian American Sworn-in as the U.S. Ambassador to the United Nations.



February 3, 2017 - Iris Mittenhaere of France crowned Miss Universe title at the event in the Phillippines. Miss Haiti and Miss Colombia were chosen 1st and 2nd runner-up respectively.



February 12, 2017 - Former foreign minister Frank Walter Steinmeier was elected as 12th President of Germany.



March 30, 2017 - NASA astronaut Peggy Whitson broke Indian-American Sunita Williams' space walking record, as she made her eighth spacewalk.



April 7, 2017 - Democratic Republic of Congo President Joseph Kabila appointed Bruno Tshibala as the new Prime Minister of Congo.



May 10, 2017 - Former Human rights lawyer Moon Jae-in began his five-year term as President of South Korea.



May 23, 2017 - Dubai police recruits world's first robot police officer into the force. This robot is known as the 'Robocop' is around 5 foot tall.



June 7, 2017 - Nepali Congress leader, Sher Bahadur Deuba' elected as the 40th Prime Minister of Nepal.



June 11, 2017 - World's smallest and cheapest aircraft 'Vision Jet' has been launched by Cirrus Aircraft.



October 20, 2017 - American author George Saunders won the 2017 Man Booker Prize, a high-profile literary award for his first full-length novel "Lincoln in the Bardo".



October 24, 2017 - Shinzo Abe has become the longest serving PM by winning the general election the second time in Japan.



November 13, 2017 - Former French culture minister Audrey Azoulay was appointed as the 11th Director general of 'UNESCO'.



CURRENT AFFAIRS

Science



February 15, 2017 - ISRO's Polar Satellite Launch Vehicle successfully launched the 714 kg Cartosat-2 Series Satellite along with 103 co-passenger satellites from Sriharikota.



June 3, 2017 - IIT Kharagpur has developed a wireless technology 'AmbuSens' to remotely monitor condition of patients (EGC, BP etc.) ferried in ambulances.



June 7, 2017 - The World's first hybrid 'aeroboat' capable of travelling on land, water, snow and sand was unveiled in Moscow.



June 10, 2017 - The world's oldest fossil mushroom (about 115 million years) named 'Gondwanagwricites' has been discovered in Brazil.

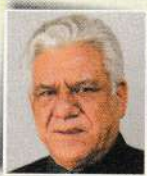


July 31, 2017 - The world's smallest spacecraft 'Sprites' was launched and have successfully been placed in low Earth orbit by ISRO PSLV rocket.



October 19, 2017 - The Indian American Gatanjali Rao (11) won the 2017 Discovery Education 3M young scientist challenge for inventing a quick, low-cost test to detect lead-contaminated water.

Tribute



January 6, 2017 - Om Puri, one of India's most versatile actor who starred in films across Hollywood, Bollywood and the U.K. died in Mumbai.



January 14, 2017 - Surjit Singh Barnala, former Punjab Chief Minister, Union Minister and Governor of Tamil Nadu, Uttarakhand and Andhra Pradesh died.



March 21, 2017 - David Rockefeller, billionaire philanthropist and the last living grandson of Standard Oil co-founder J D Rockefeller died in New York.



April 27, 2017 - Veteran Bollywood actor and Member of the parliament Vinod Khanna died in Mumbai.



May 18, 2017 - Veteran Bollywood actress Reema Lagoo known for her mother's roles in blockbuster films such as 'Saajan', 'Aashiqui', 'Vaastav', died in Mumbai.



September 16, 2017 - Arjan Singh, the Marshal of the Indian Air Force, passed away at the age of 98 in New Delhi, India.



October 24, 2017 - Girija Devi, the queen of thumri passed away following a cardiac arrest at the age of 88 at Kolkata, West Bengal.



December 4, 2017 - Veteran Bollywood actor and producer Shashi Kapoor died at the age of 79 in Mumbai.



Road Signs

Road signs or traffic signs are signs erected at the sides of roads to give instructions or provide information to road users.

A. Match these road signs with their instructions.

1.



5.



2.



a. No entry 3

6.



3.



b. No parking 7

7.



4.



c. No stopping 4

d. Speed limit 8

e. Right hand curve 2

f. Keep left 5

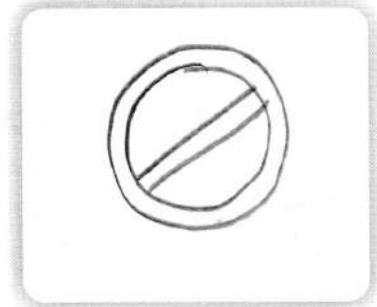
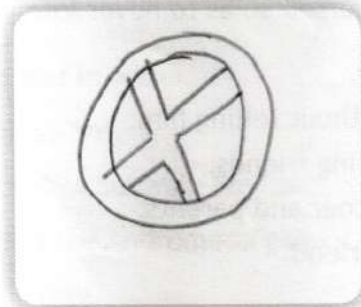
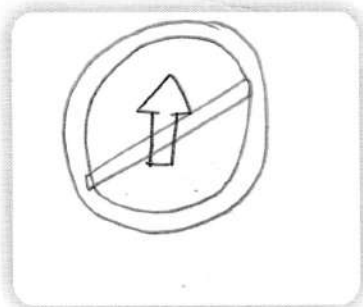
g. Narrow road 6

h. Roadwork 1

8.



B. In these boxes, draw three traffic signs that you often see while travelling on road.



Positive Attitude



Negative thoughts depress us in many ways. On the other hand, positive mental attitude lifts our morale. It brings optimism and motivates us towards success making life much easier and more enjoyable.

Read the situations and give your response. Tick (✓) in the correct boxes.

1. You and your friends appeared for an examination. Your friends scored more than you.

Your state of mind

- a. Why not me? Am I such a stupid?
- b. Since my friends take tuition from the teacher, they have scored good marks.
- c. I will understand my own lapses and will be determined to work out positive solutions.
- d. I will copy the notes of my friends and mug up for hours.



Your reaction

- a. Remain aloof, stop talking to your friends and give up studying hard.
- b. Remain aloof, but prepare well for the next examination.
- c. Will not let this affect our friendship, and take preparation tips from my friends.
- d. Will not let this affect our friendship and forget the whole incident as if it had never happened.

2. Suppose you lost your pen. As a result, you lost a lot of precious time and were not able to finish the class test in time. Later on, you spotted the pen in your friend's pencil box.

Your state of mind

- a. Hurt and ready for revenge.
- b. Feel that your friend needed the pen, so he took it. But think he should have asked for it.
- c. Feel 'that's why people say we should not trust anyone.'
- d. Think of correcting yourself so as to never lose your pen or other things.

Your reaction

- a. Would take it back without telling him.
- b. Scold him and stop being friends.
- c. Complain to your teacher and parents.
- d. Talk it out with your friend.

